

## SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Sin J. Lee Examiner #: 76060 Date: 1-11-05  
 Art Unit: 1752 Phone Number 302-1333 Serial Number: 10/748, 778  
 Mail Box and Bldg/Room Location: 9260 Results Format Preferred (circle):  PAPER  DISK  E-MAIL  
 (Rem)

If more than one search is submitted, please prioritize searches in order of need.  
 \*\*\*\*\*

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: P12. See Bib

Inventors (please provide full names): \_\_\_\_\_

Earliest Priority Filing Date: \_\_\_\_\_

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Please search for the polymer  
 made from the monomer (1A) of Cl. # 2.

(Example of "higher ~~adamantane~~ adamantane"  
 include diadamantane or triadamantane)

For structures,  
 see attachment.

\*\*\*\*\*  
**STAFF USE ONLY**  
 Searcher: Ed  
 Searcher Phone #: \_\_\_\_\_  
 Searcher Location: \_\_\_\_\_  
 Date Searcher Picked Up: \_\_\_\_\_  
 Date Completed: 1-14-05  
 Searcher Prep & Review Time: \_\_\_\_\_  
 Clerical Prep Time: \_\_\_\_\_  
 Online Time: \_\_\_\_\_

Type of Search	Vendors and cost where applicable
NA Sequence (#)	STN _____
AA Sequence (#)	Dialog _____
Structure (#)	Questel/Orbit _____
Bibliographic	Dr. Link _____
Litigation	Lexis/Nexis _____
Fulltext	Sequence Systems _____
Patent Family	WWW/Internet _____
Other	Other (specify) _____

=> file reg

FILE 'REGISTRY' ENTERED AT 09:44:29 ON 14 JAN 2005  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2005 American Chemical Society (ACS)

=> d his

FILE 'REGISTRY' ENTERED AT 09:13:48 ON 14 JAN 2005

      E DIAMANTANE/CN  
L1      1 S E3  
L2      680 S 2395.1.1/RID  
      E TRIAMANTANE/CN  
L3      1 S E3  
L4      52 S 4790.1.1/RID  
      E TETRAMANTANE/CN  
L5      1 S E3  
      E RSD  
L6      13 S 7970.1.1/RID  
      E PENTAMANTANE/CN  
      E PENTAAMANTANE/CN  
      E HEXAMANTANE/CN  
      E HEXAAMANTANE/CN  
      E HEPTAMANTANE/CN  
      E HEPTAAMANTANE/CN  
      E OCTAMANTANE/CN  
      E OCTAAMANTANE/CN  
      E C26H32/MF  
      E C30H36/MF  
      E C34H40/MF  
L7      5385 S ?AMANTAN?/CNS  
      E C26H32/MF  
L8      107 S E3  
      E C30H36/MF  
L9      105 S E3  
      E C34H40/MF  
L10    16 S E3  
L11    33 S (L8 OR L9 OR L10) AND L7  
L12    233 S (L2 OR L4 OR L6) AND PMS/CI  
L13    0 S L11 AND PMS/CI

FILE 'LREGISTRY' ENTERED AT 09:25:36 ON 14 JAN 2005

L14      STR

FILE 'REGISTRY' ENTERED AT 09:33:02 ON 14 JAN 2005

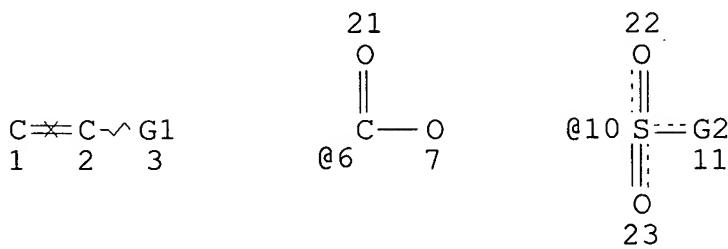
L15 0 S L14 SSS SAM SUB=L12  
 L16 0 S L14 SSS FUL SUB=L12  
     E POLYACRYLIC/PCT  
 L17 301222 S E3  
     E POLYVINYL/PCT  
 L18 169551 S E3  
     E POLYSULFONE/PCT  
 L19 15778 S E3  
 L20 12 S (L17 OR L18 OR L19) AND L12  
 L21 2 S (L17 OR L18) AND L12

FILE 'HCAPLUS' ENTERED AT 09:40:29 ON 14 JAN 2005  
 L22 227 S DAMMEL R?/AU  
 L23 12965 S ?AMANTAN?  
 L24 6 S L22 AND L23  
 L25 177279 S RESIST OR RESISTS OR PHOTORESIST? OR MASK? OR PHOTOMASK  
 L26 6 S L24 AND L25  
     SEL L26 1-6 RN

FILE 'REGISTRY' ENTERED AT 09:42:50 ON 14 JAN 2005  
 L27 27 S E1-E27  
 L28 16 S L27 AND PMS/CI  
 L29 0 S L28 AND (L2 OR L4 OR L6)

FILE 'REGISTRY' ENTERED AT 09:44:29 ON 14 JAN 2005

=> d l16 que stat  
 L2 680 SEA FILE=REGISTRY 2395.1.1/RID  
 L4 52 SEA FILE=REGISTRY 4790.1.1/RID  
 L6 13 SEA FILE=REGISTRY 7970.1.1/RID  
 L12 233 SEA FILE=REGISTRY (L2 OR L4 OR L6) AND PMS/CI  
 L14 STR



VAR G1=O/6/10  
 VAR G2=O/N  
 NODE ATTRIBUTES:

NSPEC IS RC AT 1  
 NSPEC IS RC AT 2

DEFAULT MLEVEL IS ATOM  
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED  
NUMBER OF NODES IS 10

STEREO ATTRIBUTES: NONE

L16 0 SEA FILE=REGISTRY SUB=L12 SSS FUL L14

100.0% PROCESSED 223 ITERATIONS  
SEARCH TIME: 00.00.01

0 ANSWERS

## SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Sin J. Lee Examiner #: 76060 Date: 1-11-05  
 Art Unit: 1752 Phone Number 362-1333 Serial Number: 101748, 778  
 Mail Box and Bldg/Room Location: 9D64 Results Format Preferred (circle):  PAPER  DISK  E-MAIL  
 (Rem.)

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: P12 See Bib

Inventors (please provide full names): \_\_\_\_\_

Earliest Priority Filing Date: \_\_\_\_\_

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Please search for the polymer made  
 from the monomer (1c) of a. # 2

(examples of "higher adamantane"  
 include diadamantane or triadamantane)

For structures,  
 see attachment.

STAFF USE ONLY		Type of Search	Vendors and cost where applicable
Searcher:	<u>EJ</u>	NA Sequence (#)	STN _____
Searcher Phone #:	_____	AA Sequence (#)	Dialog _____
Searcher Location:	_____	Structure (#)	Questel/Orbit _____
Date Searcher Picked Up:	_____	Bibliographic	Dr.Link _____
Date Completed:	<u>1-14-05</u>	Litigation	Lexis/Nexis _____
Searcher Prep & Review Time:	_____	Fulltext	Sequence Systems _____
Clerical Prep Time:	_____	Patent Family	WWW/Internet _____
Online Time:	_____	Other	Other (specify) _____

=> file reg

FILE 'REGISTRY' ENTERED AT 09:44:29 ON 14 JAN 2005  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2005 American Chemical Society (ACS)

=> d his

FILE 'REGISTRY' ENTERED AT 09:13:48 ON 14 JAN 2005  
E DIAMANTANE/CN  
L1 1 S E3  
L2 680 S 2395.1.1/RID  
E TRIAMANTANE/CN  
L3 1 S E3  
L4 52 S 4790.1.1/RID  
E TETRAMANTANE/CN  
L5 1 S E3  
E RSD  
L6 13 S 7970.1.1/RID  
E PENTAMANTANE/CN  
E PENTAAMANTANE/CN  
E HEXAMANTANE/CN  
E HEXAAMANTANE/CN  
E HEPTAMANTANE/CN  
E HEPTAAMANTANE/CN  
E OCTAMANTANE/CN  
E OCTAAMANTANE/CN  
E C26H32/MF  
E C30H36/MF  
E C34H40/MF  
L7 5385 S ?AMANTAN?/CNS  
E C26H32/MF  
L8 107 S E3  
E C30H36/MF  
L9 105 S E3  
E C34H40/MF  
L10 16 S E3  
L11 33 S (L8 OR L9 OR L10) AND L7  
L12 233 S (L2 OR L4 OR L6) AND PMS/CI  
L13 0 S L11 AND PMS/CI

FILE 'LREGISTRY' ENTERED AT 09:25:36 ON 14 JAN 2005  
L14 STR

FILE 'REGISTRY' ENTERED AT 09:33:02 ON 14 JAN 2005

L15 0 S L14 SSS SAM SUB=L12  
 L16 0 S L14 SSS FUL SUB=L12  
     E POLYACRYLIC/PCT  
 L17 301222 S E3  
     E POLYVINYL/PCT  
 L18 169551 S E3  
     E POLYSULFONE/PCT  
 L19 15778 S E3  
 L20 12 S (L17 OR L18 OR L19) AND L12  
 L21 2 S (L17 OR L18) AND L12

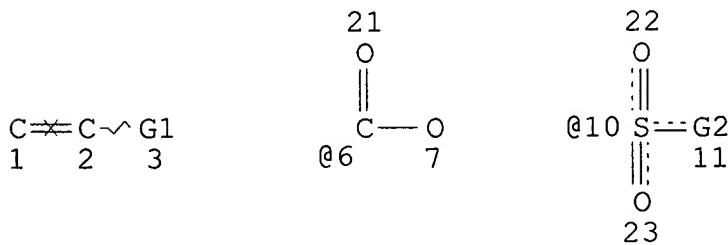
FILE 'HCAPLUS' ENTERED AT 09:40:29 ON 14 JAN 2005  
 L22 227 S DAMMEL R?/AU  
 L23 12965 S ?AMANTAN?  
 L24 6 S L22 AND L23  
 L25 177279 S RESIST OR RESISTS OR PHOTORESIST? OR MASK? OR PHOTOMASK  
 L26 6 S L24 AND L25  
     SEL L26 1-6 RN

FILE 'REGISTRY' ENTERED AT 09:42:50 ON 14 JAN 2005  
 L27 27 S E1-E27  
 L28 16 S L27 AND PMS/CI  
 L29 0 S L28 AND (L2 OR L4 OR L6)

FILE 'REGISTRY' ENTERED AT 09:44:29 ON 14 JAN 2005

=> d 116 que stat

L2 680 SEA FILE=REGISTRY 2395.1.1/RID  
 L4 52 SEA FILE=REGISTRY 4790.1.1/RID  
 L6 13 SEA FILE=REGISTRY 7970.1.1/RID  
 L12 233 SEA FILE=REGISTRY (L2 OR L4 OR L6) AND PMS/CI  
 L14 STR



VAR G1=O/6/10  
 VAR G2=O/N  
 NODE ATTRIBUTES:

NSPEC IS RC AT 1  
 NSPEC IS RC AT 2

DEFAULT MLEVEL IS ATOM  
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:  
RING(S) ARE ISOLATED OR EMBEDDED  
NUMBER OF NODES IS 10

STEREO ATTRIBUTES: NONE  
L16 0 SEA FILE=REGISTRY SUB=L12 SSS FUL L14

100.0% PROCESSED 223 ITERATIONS  
SEARCH TIME: 00.00.01

0 ANSWERS

## SEARCH REQUEST FORM

## Scientific and Technical Information Center

Requester's Full Name: Sin J. Lee Examiner #: 76060 Date: 1-11-05  
 Art Unit: 1752 Phone Number 302-1333 Serial Number: 10/748,778  
 Mail Box and Bldg/Room Location: 9D60 Results Format Preferred (circle): PAPER DISK E-MAIL  
 (Rem.)

If more than one search is submitted, please prioritize searches in order of need.  
 \*\*\*\*\*

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: P12. See B16.

Inventors (please provide full names):       

Earliest Priority Filing Date:       

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Please search for the polymer made from  
 the monomer (1B) or C. # 2

(Examples of "higher adamantine"  
 include diadamantane or triadamantane)  
 for structures,

See attachment

\*\*\*\*\*  
**STAFF USE ONLY**

Searcher: EJ  
 Searcher Phone #: \_\_\_\_\_  
 Searcher Location: \_\_\_\_\_  
 Date Searcher Picked Up: \_\_\_\_\_  
 Date Completed: 1-14-05  
 Searcher Prep & Review Time: \_\_\_\_\_  
 Clerical Prep Time: \_\_\_\_\_  
 Online Time: \_\_\_\_\_

Type of Search	Vendors and cost where applicable
NA Sequence (#)	STN _____
AA Sequence (#)	Dialog _____
Structure (#)	Questel/Orbit _____
Bibliographic	Dr. Link _____
Litigation	Lexis/Nexis _____
Fulltext	Sequence Systems _____
Patent Family	WWW/Internet _____
Other	Other (specify) _____

=> file reg

FILE 'REGISTRY' ENTERED AT 09:44:29 ON 14 JAN 2005  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2005 American Chemical Society (ACS)

=> d his

FILE 'REGISTRY' ENTERED AT 09:13:48 ON 14 JAN 2005  
E DIAMANTANE/CN

L1 1 S E3  
L2 680 S 2395.1.1/RID  
E TRIAMANTANE/CN  
L3 1 S E3  
L4 52 S 4790.1.1/RID  
E TETRAMANTANE/CN  
L5 1 S E3  
E RSD  
L6 13 S 7970.1.1/RID  
E PENTAMANTANE/CN  
E PENTAAMANTANE/CN  
E HEXAMANTANE/CN  
E HEXAAMANTANE/CN  
E HEPTAMANTANE/CN  
E HEPTAAMANTANE/CN  
E OCTAMANTANE/CN  
E OCTAAMANTANE/CN  
E C26H32/MF  
E C30H36/MF  
E C34H40/MF  
L7 5385 S ?AMANTAN?/CNS  
E C26H32/MF  
L8 107 S E3  
E C30H36/MF  
L9 105 S E3  
E C34H40/MF  
L10 16 S E3  
L11 33 S (L8 OR L9 OR L10) AND L7  
L12 233 S (L2 OR L4 OR L6) AND PMS/CI  
L13 0 S L11 AND PMS/CI

FILE 'LREGISTRY' ENTERED AT 09:25:36 ON 14 JAN 2005  
L14 STR

FILE 'REGISTRY' ENTERED AT 09:33:02 ON 14 JAN 2005

L15 0 S L14 SSS SAM SUB=L12  
 L16 0 S L14 SSS FUL SUB=L12  
     E POLYACRYLIC/PCT  
 L17 301222 S E3  
     E POLYVINYL/PCT  
 L18 169551 S E3  
     E POLYSULFONE/PCT  
 L19 15778 S E3  
 L20 12 S (L17 OR L18 OR L19) AND L12  
 L21 2 S (L17 OR L18) AND L12

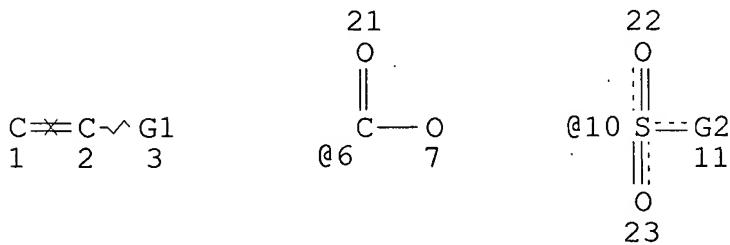
FILE 'HCAPLUS' ENTERED AT 09:40:29 ON 14 JAN 2005  
 L22 227 S DAMMEL R?/AU  
 L23 12965 S ?AMANTAN?  
 L24 6 S L22 AND L23  
 L25 177279 S RESIST OR RESISTS OR PHOTORESIST? OR MASK? OR PHOTOMASK  
 L26 6 S L24 AND L25  
     SEL L26 1-6 RN

FILE 'REGISTRY' ENTERED AT 09:42:50 ON 14 JAN 2005  
 L27 27 S E1-E27  
 L28 16 S L27 AND PMS/CI  
 L29 0 S L28 AND (L2 OR L4 OR L6)

FILE 'REGISTRY' ENTERED AT 09:44:29 ON 14 JAN 2005

=> d l16 que stat

L2 680 SEA FILE=REGISTRY 2395.1.1/RID  
 L4 52 SEA FILE=REGISTRY 4790.1.1/RID  
 L6 13 SEA FILE=REGISTRY 7970.1.1/RID  
 L12 233 SEA FILE=REGISTRY (L2 OR L4 OR L6) AND PMS/CI  
 L14 STR



VAR G1=O/6/10  
 VAR G2=O/N  
 NODE ATTRIBUTES:

NSPEC IS RC AT 1  
 NSPEC IS RC AT 2

DEFAULT MLEVEL IS ATOM  
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:  
RING(S) ARE ISOLATED OR EMBEDDED  
NUMBER OF NODES IS 10

STEREO ATTRIBUTES: NONE  
L16 0 SEA FILE=REGISTRY SUB=L12 SSS FUL L14

100.0% PROCESSED 223 ITERATIONS  
SEARCH TIME: 00.00.01

0 ANSWERS